The Electricity Act, 2003 provides a legal framework for making theft of electricity a cognizable offence. Under Section 135 of the Electricity Act, 2003, whoever dishonestly taps lines or cables or service wires, tampers damages or destroys meters etc., shall be punishable with imprisonment for a term, which may extend to three years or with fine or with both. Under APDRP incentive is also being provided to State Government/Power Utilities for reducing case losses, a significant portion of which is on account of theft of power.

Setting up Hydro-Electric Projects

647. SHRIMATI BIMBA RAIKAR: Will the Minister of POWER be pleased to state:

(a) whether the Centre is pursing the agenda to set up more hydro-electric projects, in view of the cost effectiveness of power produced there from;

(b) if so, whether preliminary feasibility studies are underway for these projects; location-wise and capacity-wise; and

(c) how many preliminary feasibility studies, earlier submitted by consultants are under examination of the Government and how soon these are likely to be given CEA clearance?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) Yes, Sir.

(b) and (c) Under the 50,000 MW Hydroelectric Initiative launched by government of India in May, 2003, Preliminary Feasibility Reports (PFRs) of 162 schemes spread over 16 States with an aggregate installed capacity of 47,930 MW have already been prepared. The details of these schemes are given in the Statement (see below).

These PFRs provide basis for prioritization of schemes for their selection for preparation of Detailed Project Reports (DPRs). The schemes would be considered for clearance after Detailed Project Reports of these schemes are prepared by the concerned agencies and submitted to Central Electricity Authority.

Statement

List of Preliminary Feasibility Reports

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
Arunachal Pradesh			
1.	Badao	NEEPRO	120
2.	Bhareli Lift Dam-I	NEEPRO	1120
3.	Bhareli Lift Dam-II	NEEPRO	600
4.	Chanda	NEEPRO	110
5.	Dibbin	NEEPRO	100
6.	Kameng dam	NEEPRO	600
7.	Kapak Leyak	NEEPRO	160
8.	Pakke	NEEPRO	110
9.	Papu	NEEPRO	200
10.	Phanchung	NEEPRO	60
11.	Sebu	NEEPRO	80
12.	Talong	NEEPRO	300
13.	Tarang Warang	NEEPRO	30
14.	Tenga	NEEPRO	600
15.	Utung	NEEPRO	100
16.	Agoline	NHPC	375
17.	Amulin	NHPC	420
18.	Ashupani	NHPC	30
19.	Attunli	NHPC	500
20.	Demwe	NHPC	3000
21.	Dengser	NHPC	552
22.	Duimukh	NHPC	150
23.	Elango	NHPC	150
24.	Emini	NHPC	500
25.	Emra-II	NHPC	390
26.	Etabue	NHPC	165
27.	Etalin	NHPC	4000
28.	Hirong	NHPC	500

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
29.	Kurung I & II	NHPC	330
30.	Mihumdon	NHPC	400
31.	Mirak	NHPC	141
32.	Naba	NHPC	1000
33.	Nalo	NHPC	360
34.	Naying	NHPC	1000
35.	Niare	NHPC	800
36.	Oju-I	NHPC	700
37.	Oju-II	NHPC	1000
38.	Ringong	NHPC	150
39.	Simang	NHPC	90
40.	Tato-II	NHPC	700
41.	Hutong	WAPCOS	3000
42.	Kalai	WAPCOS	2600
		TOTAL (Arunachal)	27293
Andhra Pradesh			
1.	Pondugala	WAPCOS	81
		TOTAL (Andhra)	81
Chhattisgarh			
1.	Nugur-II	WAPCOS	210
2.	Nugur-I	WAPCOS	170
3.	Kotri	WAPCOS	150
4.	Duniadhin (Rehar-I)	WAPCOS	171
5.	Rehar-II	WAPCOS	147
		TOTAL (Chhattisgarh)	848
Himachal Pradesh			
1.	Jangi Thopan	HPSEB	480
2.	Gharopa	HPSEB	114
3.	Luhri	HPSEB	465
4.	Gondhala	HPSEB	144
5.	Khoksar	HPSEB	90
6.	Bardang	HPSEB	114

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
7.	Chhatru	HPSEB	108
8.	Tidong-II	HPSEB	70
9.	Bajoli Holi	HPSEB	180
10.	Tidong-I	HPSEB	60
11.	Thopan Powari	HPSEB	480
12.	Yangthang Khab	HPSEB	261
13.	Chamba	HPSEB	126
14.	Khab-I	SJVNL	450
15.	Khab-II	SJVNL	186
		TOTAL (Himachal)	3328
Jammu and Kashmir			
1.	Ratle	WAPCOS	560
2.	Ujh	WAPCOS	280
3.	Kwar	WAPCOS	320
4.	Kiru	WAPCOS	430
5.	Shamnot	WAPCOS	370
6.	Bichlari	WAPCOS	35
7.	Shuas	WAPCOS	230
8.	Barinaum	WAPCOS	240
9.	Dumkhar	NHPC	45
10.	Kanyunche	NHPC	45
11.	Karkit	NHPC	30
12.	Khalsi	NHPC	60
13.	Takmaching	NHPC	30
		TOTAL (J&K)	2675
Karnataka			
1.	Kali Nadi-III (Mardi)	KPCL	300
2.	Tamanakal	KPCL	300
3.	Gangavali-II	KPCL	400
4.	Gundia	KPCL	300
5.	Agnashini	KPCL	600
		TOTAL (Karnataka)	1900

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
Kerala			
1.	Karpara-Kuriaputti	WAPCOS	66
2.	Perinjakutty	WAPCOS	60
		TOTAL (Kerala)	126
Maharashtra			
1.	Kunghara	WAPCOS	72
2.	Ghargaon	WAPCOS	52
3.	Samda	WAPCOS	52
4.	Kasari-I	WAPCOS	25
5.	Kadvi	WAPCOS	22
6.	Kumbhi-I	WAPCOS	17
7.	Hiranyakeshi-II	WAPCOS	18
8.	Pranhita	WAPCOS	48
9.	Wainganga	WAPCOS	105
		TOTAL (Maharashtra)	411
Manipur			
1.	Nungliban	WAPCOS	105
2.	Khongnem Chakha-II	WAPCOS	67
3.	Pabaram	WAPCOS	190
		TOTAL (Manipur)	362
Meghalaya			
1.	Sushen	WAPCOS	65
2.	Umjaut	WAPCOS	69
3.	Umduna	WAPCOS	57
4.	Selim	WAPCOS	170
5.	Mawhu	WAPCOS	120
6.	Nongkolait	WAPCOS	120
7.	Mawblei Storage	WAPCOS	140
8.	Umangi	WAPCOS	54

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
9.	Mawput	WAPCOS	21
10.	Nongnam	WAPCOS	50
11.	Rangmaw	WAPCOS	65
		TOTAL (Meghalaya)	931
Mizoram			
1.	Tlawng	WAPCOS	45
2.	Lunglang Storage	WAPCOS	815
3.	Boinu Storage	WAPCOS	640
		TOTAL (Mizoram)	1500
Madhya Pradesh			
1.	Basani	NHPC	90
2.	Bauras	NHPC	55
3.	Hoshangabad	NHPC	60
		TOTAL (MP)	205
Nagaland			
1.	Dikhu	NEEPCO	140
2.	Tizu	NEEPCO	150
3.	Yangnyu Stor.	NEEPCO	40
		TOTAL (Nagaland)	330
Orissa			
1.	Baljori	WAPCOS	178
2.	Naraj	WAPCOS	287
3.	Tikkarpara	WAPCOS	259
4.	Lower Kolab	WAPCOS	465
		TOTAL (Orissa)	1189
Sikkim			
1.	Dikchu	Sikkim	105
2.	Lachen	Sikkim	210
3.	Lingza	Sikkim	120
4.	Panan	Sikkim	200
5.	Pangyong	Sikkim	141

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
6.	Ringpi	Sikkim	70
7.	Rogni Storage	Sikkim	195
8.	Rukel	Sikkim	33
9.	Talem	Sikkim	75
10.	Teesta-I	Sikkim	320
		TOTAL (Sikkim)	1469
Uttaranchal			
1.	Badri Nath	WAPCOS	140
2.	Khartoli Lumti Talli	WAPCOS	55
3.	Harsil Dam	WAPCOS	210
4.	Jadh Ganga	WAPCOS	50
5.	Karmoli	WAPCOS	140
6.	Gangotri	WAPCOS	55
7.	Kalika Dantu	WAPCOS	230
8.	Mapang Bogudyar	WAPCOS	200
9.	Sela Urthing	WAPCOS	230
10.	Sirkari Bhyol Rus Bagar	WAPCOS	210
11.	Sirkari Bhyol Bogudiyar	WAPCOS	170
12.	Chhanger Chal	WAPCOS	240
13.	Rishi Ganga II	WAPCOS	35
14.	Bokang Bailing	WAPCOS	330
15.	Deodi	WAPCOS	60
16.	Rishi Ganga I	WAPCOS	70
17.	Jalem Tamak	WAPCOS	60
18.	Malari Jhelam	WAPCOS	55
19.	Devasari Dam	WAPCOS	300
20.	Khasiyabara Rupsiyabagar	WAPCOS	260
21.	Garba Tawaghat	WAPCOS	630
22.	Gohana Tal	WAPCOS	60
23.	Bhairon Ghati	WAPCOS	65
24.	Lata Tapovan	UJVNL	310
25.	Nand Prayag Langasu	UJVNL	141

Sl. No.	Name of Scheme	Consultant	Installed Capacity (MW)
26.	Tamak Lata	UJVNL	280
27.	Urthing Sobala	UJVNL	280
28.	Ramganga Dam	UJVNL	66
29.	Arakot Tuini (Nakot Plasu)	UJVNL	72
30.	Jakhol Sankri	UJVNL	33
31.	Bagoli Dam	UJVNL	72
32.	Naitwar Mori	UJVNL	33
33.	Taluka Sankari	UJVNL	140
		Total (Uttaranchal)	**5282**
		Number of Schemes	**162**
	Grand Total (All India)		**47930**

Consultants

UJVNL: Uttaranchal Jal Vidyut Nigam Limited

NHPC: National Hydroelectric Power Corporation

WAPCOS: Water and Power Consultancy Services India Ltd.

NEEPCO: North Eastern Electric Power Corporation

SJVNL: Satluj Jal Vidyut Nigam Ltd.

KPCL: Karnataka Power Corporation Ltd.

HPSEB: Himachal Pradesh State Electricity Board

Guidelines for Power Purchase Contracts

648. SHRIMATI S.G. INDIRA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that government had drawn up guidelines for long term power purchase contracts;

(b) if so, the details thereof;

(c) whether it is a fact that in the case of inter-State projects, Government is considering to constitute the procuring agency;